

Description of a new species of *Metopodiella* from Nigeria (Diptera: Sarcophagidae, Miltogramminae)

by

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The new species, *Metopodiella bona*, is described from northern Nigeria.

***Metopodiella bona* spec. nov.**

So far, 4 species of *Metopodiella* have been described, namely *M. eos* Zumpt (1961), *M. rhodesiense* Zumpt (1961), *M. discreta* Zumpt (1973a) and *M. lachaisei* Zumpt (1973b). *M. bona* runs down to *M. rhodesiense*. For identification, it is always necessary to dissect the male terminalia.

MALE—Eyes bare, facets small. Frons at its narrowest point measuring about $\frac{1}{2}$ of eye-length, almost parallel in the area of the ocellar triangle, then slightly widened towards the lunula. Frontal stripe black, at the tip of the ocellar triangle about twice as broad as one parafrontalium. Parafrontalia and -facialia densely silvery-white pollinose. Chaetotaxy: *iv*, *ev*, *oc*, *f* and 2 or 3 *fo* on either side long and thick, in addition to these bristles the posterior part of the parafrontalia is provided with several irregularly arranged thick hairs. Row of *paf* complete and cruciate, but of irregular thickness and arrangement. Row of bristles at the inner margin of the parafacialia long and thick, remaining parts with sparse black setae. Profrons measuring $\frac{1}{3}$ of eye-length. Facial ridge above the vibrissa with one seta, otherwise bare. Antennal groove densely white pollinose, 3rd antennal segment black, about twice as long as the second, arista short pilose. Height of bucca about $\frac{1}{3}$ of eye-length, white pollinose like the face, hairs black. Palpi blackish.

Thorax black, densely covered with a grey pollinosity, mesonotum with ill-defined longitudinal stripes. Prescutellar pair of *ac* present, remaining postural ones indistinct; *dc* = 2 + 3, *sc* = 2 + 0 (or discals very weak), *st* = 1:1:1, accompanied by several more, irregularly arranged bristly hairs. Wing hyaline, epaulet black, basicosta yellow, veins light-brown, media with angle, *R*₅ open. Legs black; fore-tibia with comb-like arranged *av* bristles as in *M. rhodesiense*.

Abdomen longer than broad, glossy black and with a white pollinosity. The dorsal pattern changes with the incidence of light. At a certain angle, tergite I + II is completely black; tergite III shows ill-defined black spots, which extend from the hind margin up to the anterior edge; on tergite IV, similar spots are restricted to the posterior half of the tergite, and on tergite V, the posterior half is completely blackened. Ventral side predominantly black with a thin pollinosity, tergal and sternal margins more or less brown. Terminalia as in fig. 1.

FEMALE — Frons at its narrowest point measuring about $\frac{2}{3}$ of eye-length, otherwise chaetotaxy and colouring as in the male. Thorax and abdomen also as in the opposite sex.

Length: 3.5–4.5 mm.

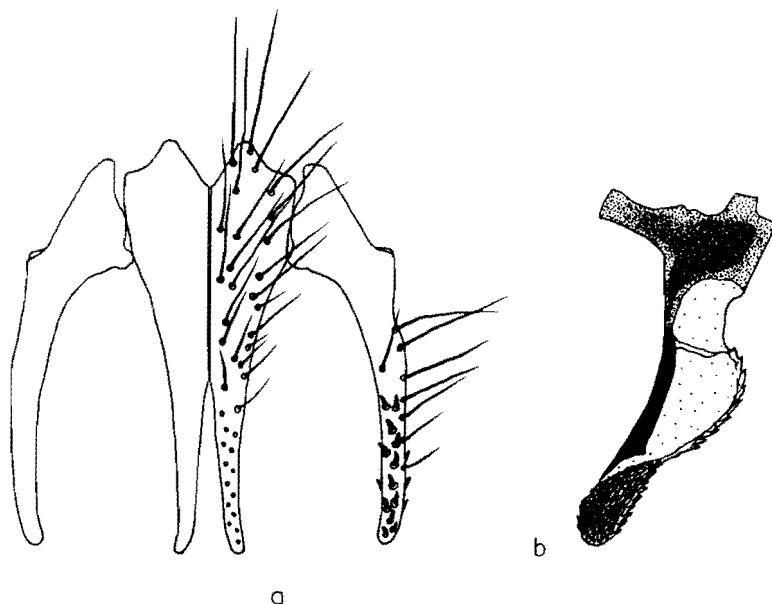


Fig. 1. *Metopodiella bona* spec. nov. (a) Cerci and paralobi in frontal view, (b) phallosome laterally.

MATERIAL EXAMINED.

Locality: N. Nigeria, Zaria, Dumbi Wood, IV. 1972, 6 ♂♂, 4 ♀♀ leg. J. C. Deeming. Holotype ♂ and 4 ♂♂, 3 ♀♀ paratypes in the collection of the South African Institute for Medical Research, Johannesburg, 2 ♂♂ and 1 ♀ paratypes are presented to the British Museum (Nat. Hist.), London.

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